Attachment 4 – Budget

The following project budget has been prepared.

Table 6 – Project Budget

		(a)	(b)	(c)	(d)	(e)
	Budget Category	Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	Funding Match (%)
a)	Direct Project Administration Costs	$6,040	$0	$0	$6,040	100%
b)	Land Purchase/Easement	$0	$0	$0	$0	0%
c)	Planning/Design/Engineering/Environmental Documentation	$10,280	$10,280	$0	$20,560	50%
d)	Construction/Implementation	$50,000	$23,000	$0	$73,000	68%
e)	Environmental Compliance/Mitigation/Enhancement	$0	$0	$0	$0	0%
f)	Construction Administration	$2,960	$2,480	$0	$5,440	54%
g)	Other Costs	$8,240	$41,760	$0	$50,000	16%
h)	Construction/Implementation/Contingency	$6,925	$6,925	$0	$13,850	50%
i)	**Grand Total (Sum rows (a) through (h) for each column)**	$84,445	$84,445	$0	$168,890	50%

Budget Detail

Row (a)
Direct Project Administration Costs – Includes cost to submit project reports and invoices for funding to DWR,

Program Manager	16 hrs @ $120	=	$1,920
Accountant	16 hrs @ $90	=	1,440
Public Works Dir.	20 hrs @ $80	=	1,600
Clerical	24 hrs @ $45	=	1,080
	Sub-total	=	$6,040

Row (c)
Environmental Documentation – Preparation of Initial Study, Negative Declaration and NEPA documentation, Publication Fees and Preparation of Staff Reports for City Council

Program Manager	8 hrs @ $120	=	$960
Planning Technician	24 hrs @ $90	=	2,160
Clerical	16 hrs @ $45	=	720
	Sub-total	=	$3,840

10% Conceptual Design – Preliminary layout of lift station, equipment, and piping. Complete initial hydraulic design of pumping equipment.

Principal Engineer	2 hrs @ $120	=	$240
Civil Engineer	4 hrs @ $90	=	360
Assistant Engineer	8 hrs @ $80	=	640
Drafter	8 hrs @ $6	=	520
	Sub-total	=	$1,800

30% Concept Design – Preparation of topographic and boundary surveys, preliminary improvement plans, outline specifications, and preliminary engineer's estimate. Complete hydraulic design.

Principal Engineer	4 hrs @ $120	=	$480
Land Surveyor	8 hrs @ $100	=	800
Civil Engineer	8 hrs @ $90	=	720
Assistant Engineer	16 hrs @ $80	=	1,280
Drafter	24 hrs @ $65	=	1,560
Survey Party	16 hrs @ $120	=	1,920
	Sub-total	=	$6,760

60% Design – Complete improvement plans, specifications, and preliminary engineer's estimate for initial review.

Principal Engineer	4 hrs @ $120	=	$480
Civil Engineer	8 hrs @ $90	=	720
Assistant Engineer	24 hrs @ $80	=	1,920
Drafter	8 hrs @ $65	=	520
Clerical	8 hrs @ $45	=	360
	Sub-total	=	$4,000

90% Design – Complete improvement plans and specifications. Prepare final engineer's estimate.

Principal Engineer	2 hrs @ $120	=	$240
Civil Engineer	8 hrs @ $90	=	720
Assistant Engineer	8 hrs @ $80	=	640
Drafter	8 hrs @ $65	=	520
Clerical	8 hrs @ $45	=	360
	Sub-total	=	$2,480

100% Design – Final signed improvement plans and specifications. Obtain bids, tabulate bid results and make recommendation for award of bid.

Principal Engineer	2 hrs @ $120	=	$240
Civil Engineer	4 hrs @ $90	=	360
Assistant Engineer	8 hrs @ $80	=	640
Drafter	4 hrs @ $65	=	260
Clerical	4 hrs @ $45	=	180
	Sub-total	=	$1,680

Row (d)

Construction/Implementation

Run pipes from pond to concrete were and mount a pump system on top of the concrete were. Install necessary electrical panels at the Basin.

Total Construction	=	$73,000

Row (f)

Construction Management – Administer the contract, process progress payments, review requests for information and change orders, and perform labor compliance duties. Prepare final project close-out documentation. Provide inspection for compliance with plans and specifications.

Principal Engineer	4 hrs @ $120	=	$480

Civil Engineer	8 hrs @ $90		=	720
Assistant Engineer	16 hrs @ $80		=	1,280
Inspector	40 hrs @ $65		=	2,600
Clerical	8 hrs @ $45		=	360
		Sub-total	=	$5,440

Row (g)
Other costs – PG&E estimated at $50,000.

Row (h)
Construction Contingency - Costs for unforeseen circumstances during construction due to underground conditions that will not be known until excavation. Contingency is estimated at 10% of construction cost based on experience with other utility projects.

Table 7 - Summary Budget

Westside - San Joaquin Regional Stormwater Flood Management Grant Application

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
(a)	Project A	Grand Total (Sum rows (a) through (h) for each column in Table 6)	Grand Total (Sum rows (a) through (h) for each column in Table 6)	Grand Total (Sum rows (a) through (h) for each column in Table 6)	Grand Total (Sum rows (a) through (h) for each column in Table 6)	
(b)	Project B	$84,445	$84,445	$0	$168,890	50%
(c)	Project C				$0	0%
(d)	Project D				$0	0%
(e)	Project E				$0	0%
(f)	Project F				$0	0%
(g)	Project G				$0	0%
(h)	Project H (add more rows for additional projects as necessary				$0	0%
(i)	**Grand Total (Sum rows (a) through (h) for each column)**	**$84,445**	**$84,445**	**$0**	**$168,890**	**50%**